

1 **ABSTRACT**

2 Prior to searching a multidimensional feature space populated with data
3 objects, each dimension in the feature space is divided into a number of intervals.
4 When a query is received, a single interval that is overlapped by the query is
5 selected from each dimension. A reduced set of data objects is then selected that
6 includes only those data objects that overlap the selected intervals. This reduced
7 set of data objects, rather than the entire set of data objects in the feature space, is
8 then used to determine matches for the query.

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